

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/723,855	OLIVER ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Mohammad Ali	2177	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to August 12, 2004.
2. ☒ The allowed claim(s) is/are 1-4,6,9,10,16 and 20 (Renumbered as 1-9).
3. ☒ The drawings filed on 28 November 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

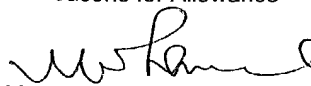
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date <u>8-19-04</u>.</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|--|--|

  
 Mohammad Ali  
 Examiner  
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### **DETAILED ACTION**

1. This communication is in response to the amendment filed on August 12, 2004.

Claims 5, 7, 8, 11-15, 17-19 and 21-24 have been cancelled and claims 1-4, 6, 9-10, 16, and 20 remains in the application.

After a search and a thorough examination of the present application and in light of the prior art made of records, claims 1-4, 6, 9-10, 16, and 20 are allowed.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ms. Diana Fu (Reg. No. 52,924) on August 18, 2004.

**In July 12, 2004 (PTO Official Record August 12, 2004) claims amendment paper, Please Amend claims as follows:**

In claim 1, line 12, after "plurality of clusters" please insert

--, wherein the construction of the recommended set of documents further comprises calculating a relevance score of each document in the eligible set of documents;

selecting documents of the eligible set of documents with high relevance scores;

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applying other selection criteria comprising popularity of the document in the eligible set of documents and client preference for the document in the eligible set of documents--.

**Please cancel claim 8.**

In claim 16, line 23, after "plurality of clusters" please insert

--, wherein the construction of the recommended set of documents further comprises calculating a relevance score of each document in the eligible set of documents;

selecting documents of the eligible set of documents with high relevance scores;

applying other selection criteria comprising popularity of the document in the eligible set of documents and client preference for the document in the eligible set of documents--.

In claim 20, line 19, after "plurality of clusters" please insert

--, wherein the construction of the recommended set of documents further comprises calculating a relevance score of each document in the eligible set of documents;

selecting documents of the eligible set of documents with high relevance scores;

applying other selection criteria comprising popularity of the document in the eligible set of documents and client preference for the document in the eligible set of documents--.

***Reason for Allowance***

3. The prior art made of records does not teach or fairly suggest the combination of elements as indicated by the Examiner's amendment, as recited in independent claims 1, 16, and 20. More specifically, the prior art of records fails to fairly teach the steps of

“wherein the construction of the recommended set of documents further comprises calculating a relevance score of each document in the eligible set of documents;

selecting documents of the eligible set of documents with high relevance scores;

applying other selection criteria comprising popularity of the document in the eligible set of documents and client preference for the document in the eligible set of documents”.

The dependent claims, being definite, further limiting, and fully enabled by the specification and are also allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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**Conclusion**


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad Ali whose telephone number is (703) 605-4356. The examiner can normally be reached on Monday to Thursday from 7:30am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (703) 305-9790. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306 for any communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-9600.

MA

August 19, 2003



Mohammad Ali

Patent Examiner

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